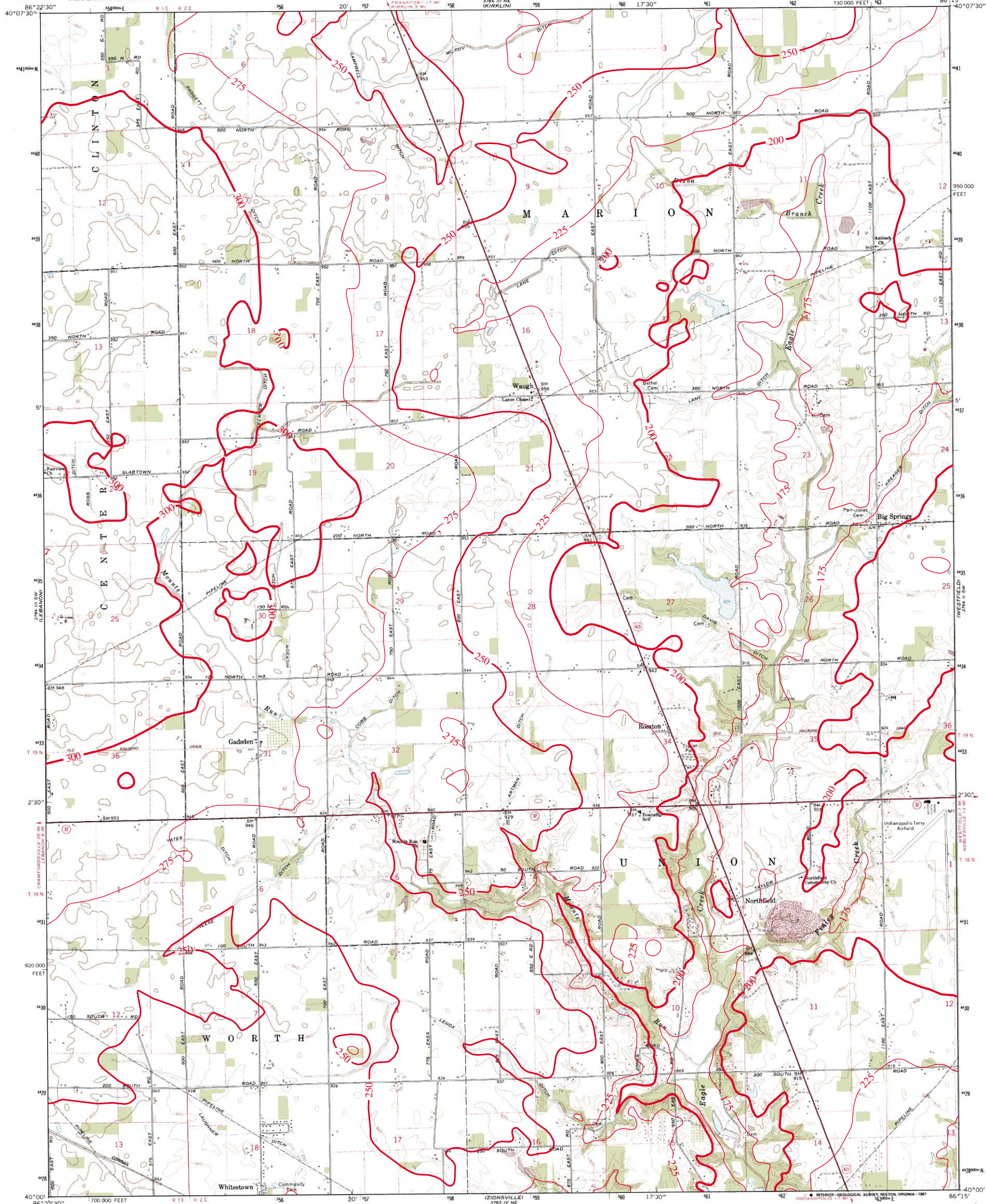


THICKNESS OF UNCONSOLIDATED DEPOSITS OF ROSSTON QUADRANGLE, INDIANA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ROSSTON QUADRANGLE
INDIANA—BOONE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

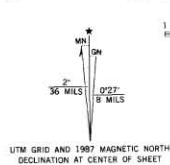


Mapped, edited, and published by the Geological Survey
Revised in cooperation with Indiana
Department of Natural Resources
Control by USGS and NOS/NOAA

Planimetry by photogrammetric methods from aerial photographs
taken 1953. Topography by planimetric surveys 1953
Revised from aerial photographs taken 1969. Field checked 1969

Polyconic projection. 10,000-foot grid ticks based on
Indiana coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 1 meter south as shown
by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR ROSSTON, VIRGINIA 22092
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

ROSSTON, IND.
40086-A3-TF-024

1969
PHOTOREVISED 1987
DMA 3764 III SE—SERIES V851

This map showing thickness of unconsolidated deposits was created by Glenn E. Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land surface elevation grid is from 1:24,000 scale digital topography by the U.S. Geological Survey, Reston, Virginia, 1999 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Boone County. The bedrock surface contouring was done by Marvin B. Thompson, IDNR, Division of Water, Ground Water Section, 1999, at a scale of 1:24,000.

Unconsolidated thickness contour interval = 25 feet (shown in red).



Map generated by Glenn E. Grove
IDNR, Division of Water, Ground Water Section
October 28, 2002